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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith M. Chugg et al.                      Art Unit : 2634  
Serial No. : 09/765,516                                      Examiner : Jason M. Perilla  
Filed : January 18, 2000  
Title : ADAPTIVE ITERATIVE DETECTION

Commissioner for Patents  
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Alexandria, VA 22313-1450

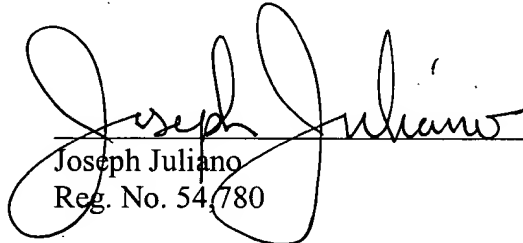
INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of C.F.R. § 1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 1/17/2005

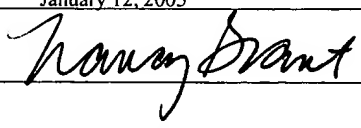
  
Joseph Juliano  
Reg. No. 54,780

PTO Customer No. 20985  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-060001	Application No. 09/765,516
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Keith M. Chugg et al.	
		Filing Date January 18, 2000	Group Art Unit 2634

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH							
	AI							
	AJ							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AK	Freeman and Weiss, <u>On the Fixed Points of the Max-Product Algorithm</u> , Mitsubishi Electric Research Laboratory, TR-99-39 (January 2000)
	AL	H. Meyr, et al., <u>Digital Communication Receivers: Synchronization, Channel Estimation and Signal Processing</u> , 80 (Wiley, New York 1998)
	AM	N. Wiberg, et al., <u>Codes and Iterative Decoding on General Graphs</u> , 6 European Transaction on Telecommunications, 513-525 (Sept/Oct. 1995)
	AN	Aji and McEliece, <u>The Generalized Distributive Law</u> , 46 IEEE Transactions on Information Theory, No. 2 (March 2000)
	AO	Ronald A. Iltis, et al., <u>Bayesian Algorithms for Blind Equalization Using Parallel Adaptive Filtering</u> (42 IEEE Transactions on Communications, No. 2/3/4 (Feb./Mar./Apr. 1994)
	AP	Y. Zhang, M. P. Fitz, and S. B. Gelfand, <u>Soft Output Demodulation on Frequency-Selective Rayleigh Fading Channels using AR Channel Models</u> , Global Communications Conference, 327-331 (Nov. 1997)
	AQ	Iltis (R. A. Iltis, <u>A Bayesian Maximum-Likelihood Sequence Estimation Algorithm for A Priori Unknown Channels and Symbol Timing</u> , 10 Journal of Selected Areas in Communications, 579-588, (Apr. 1992)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	